Job Description

Position:	**Heavy Equipment Technician III**	**FLSA Status:**	**Non-Exempt**
Department:	**Shop**	**FTE:**	**Full Time**
Reports to:	**Equipment Maintenance Supervisor**	**Revised:**	**July 2024**

DEFINITION:

Under limited supervision, the Heavy Equipment Technician III performs a variety of advanced technical and mechanical maintenance and repair tasks on heavy duty on/off road, and automotive equipment. Incumbent performs a variety of complex inspections, mechanical diagnosis, maintenance and servicing, and repair work on a variety of heavy equipment and vehicles including Materials Recovery Facility (MRF) mobile equipment.

DISTINGUISHING CHARACTERISTICS:

This series specification includes three levels of the Heavy Equipment Technician classification responsible for performing equipment service work. The Heavy Equipment Technician III is the highest level in the series and incumbents must possess an advanced-level skillset. The incumbent performs advance journey-level servicing work and provides training to lower-level classifications, as needed.

The Heavy Equipment Technician III must possess a Class B Driver's License, with appropriate endorsement as required by ReGen Monterey.

ESSENTIAL FUNCTIONS:

The following duties are typical of this classification and are intended only to describe the several types of work that may be performed, the level of technical complexity of the assignment(s) and are not intended to be an all-inclusive list of duties. The omission of a specific duty statement does not exclude it from the position if the work is consistent with the concept of the classification or is similar or closely related to another duty statement to address business needs and changing business practices.

- Independently performs vehicle and equipment inspections, troubleshoots, and repairs mechanical and/or electrical defects.
- Performs advanced or specialized repair work on gasoline, diesel, propane, and CNG powered engines, and powertrain systems.
- Performs detailed inspections such as BIT inspections.
- Identifies defects, services, makes repairs and adjustments to various systems components and systems electrical on a variety of ReGen equipment.
- Performs gas and electrical welding, fabrication and application of wear prevention materials related to mobile and stationary equipment.
- Completes repair orders, inspection checklists, and accounts for all time and materials as it relates to the repair and maintenance of equipment.
- Road test repaired equipment and make adjustments as needed.
- Operates ReGen equipment, moves from landfill to shop, to perform necessary repairs.
- Independently performs inspections and repairs on light trucks, heavy duty trucks, heavy duty truck bodies, live floor trailers, heavy equipment, forklifts, aerial and scissor lifts, light towers, portable and small engine equipment.
- Repair other ReGen stationary equipment including gates, well pumps, electrical fixtures, and plumbing fixtures, as needed.
- Maintains systems components and electrical systems, to include but not limited to, gasoline, propane, CNG and diesel engines, fuel systems, air intake systems, exhaust systems, cooling systems, air conditioning systems, lighting systems, warning devices and radios, charging systems, computer controlled systems, transmissions, PTO drives, differentials, drivetrain, tire and wheel, undercarriage, suspension, hydraulic and air brake systems, cab, body, chassis, operator controls, operator

monitoring systems, operator warning systems, hydraulic systems, load and material handling.

- Read and write at the level required for successful job performance.
- Follows and completes a detailed inspection check list.
- List and report all defects found during inspections.
- Prepare reports and maintain records on time and materials used.
- Understand and carry out oral and written directions.
- Speak, read English to carry out oral and written instructions and understand, repair and parts manuals.
- Adhere to an assigned work schedule and meet ReGen Monterey's attendance standards.
- All ReGen positions require the employee to provide good customer service to both internal and external customers, maintain positive and effective working relationships with other ReGen employees. Must show cooperation and respect to fellow employees and supervisors at all times.
- Perform other duties as assigned.

SUPERVISORY RESPONSIBILITIES:

This classification does not have formal supervisory responsibilities. The incumbent provides lead direction and work coordination as well as training lower-level classifications.

MINIMUM QUALIFICATIONS AND RESPONSIBLITIES:

Knowledge and Abilities:

- Safe work practices, procedures, and Personal Protective Equipment (PPE).
- Lock Out Tag Out and Control of Stored Hazardous Energy.
- Principles, methods, materials, equipment, procedures, and practices used in automotive, heavy, industrial, and power-driven equipment maintenance and repair.
- Gasoline, Diesel, Propane and CNG powered equipment.
- Fundamentals of electricity, both AC and DC.
- Caterpillar ET diagnostic troubleshooting software.
- Launch full function automotive scan tool.
- Inline 6 Cummins diagnostic troubleshooting software.
- Complex electrical systems and components troubleshooting.
- Hydraulic valves, components, and controls.
- Hydraulic and air brake systems and components.
- Operation, care, and maintenance of gasoline and diesel engines and components.
- Principles and methods of gas and electrical welding.
- Principles and methods of preventive maintenance.
- Maintenance of aerial lift equipment, light towers, small engine pumps and generators.
- Skills in the care and use of hand and power tools
- Ability to work safely without presenting a threat to self or others.
- Inspect and locate mechanical and electrical defects on automotive equipment, heavy equipment, industrial and power-driven equipment.
- Diagnose mechanical and electrical problems and determine corrective procedures.
- Skillfully use a variety of hand and power tools in the maintenance and repair of automotive equipment, heavy equipment, industrial and power-driven equipment.
- Perform skilled testing, adjustment, repair, and diagnostic work as described in Essential Functions section of this job description.
- Perform gas and electrical welding.
- Estimate time, labor, and materials cost for maintenance and repair projects.

- Prepare and maintain a variety of reports to include repair orders and inspections check lists.
- Operate hand tools and equipment in a safe manner.
- Carry out preventive maintenance programs.
- Perform all tasks safely and in accordance with applicable OSHA rule and regulations.
- Apply sound judgment in a variety of circumstances with or without specific instructions.

TRAINING, EDUCATION AND EXPERIENCE:

Any combination of training, education and experience which would provide the required knowledge and abilities is qualifying. A typical way to obtain the required knowledge and abilities would be:

Five (5) or more years performing journey-level work or advanced-skill maintenance and repair work on automotive, heavy, industrial, and other power-driven equipment, including substantial experience on diesel engines, hydraulic systems, and heavy equipment drivetrain and electrical systems. High School Diploma required. Two years of college level course work in automotive repair or related field Or Trade School Certification desired.

SPECIAL REQUIREMENTS:

- Continued possession of a valid California Driver's License Class C, including on-going insurability to drive ReGen vehicles.
- Must acquire and maintain a California Class B Driver's License with Hazmat and Tanker endorsement or certification within six months of employment, as a condition of employment.
- Incumbents are expected to provide their own tools.
- CNG/LNG alternative fuel training preferred.
- Computer diagnostic skills required.

PHYSICAL AND SENSORY REQUIREMENTS:

The physical and mental demands described here are representative of those that must be met by employees to successfully perform the essential functions of this class. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Physical Demands

Frequently stand and walk on flat and uneven surfaces, steps and ladders; bend at waist and reach over mechanical equipment for extended periods of time, lay under equipment for extended periods of time; ability to frequently lift and/or move up to 50 pounds; vision sufficient to read printed material and/or manuals, acute vision, depth perception and peripheral visions, visual color discrimination; hearing sufficient to conduct in person and telephone conversations; physical agility to push/pull, squat, crouch, kneel, twist, turn, bend at waist, stoop and reach overhead; physical mobility sufficient to move about the maintenance shop and ReGen grounds during inspections; manual dexterity and hand-eye coordination sufficient to use hand tools and shop equipment; write, use telephone, computer, business machines and related equipment.

Mental Demands

While performing the duties of this class, employees are regularly required to use oral communication skills; read and interpret data, information, and documents; learn and apply new information or skills; perform detailed work on multiple, concurrent tasks with constant interruptions; work under deadlines and interact with all levels of ReGen Monterey management and personnel, and the public.

Work Environment

Normally work is performed mostly in outdoor environments and occasional indoor environments; regular exposure to varying temperatures; regular exposure to dirt, dust, fumes, grease, oil, noise, garbage, foul odors;

moderate exposure to electrical current and energy; often works around moving vehicles and equipment; constant contact with staff and the public.

ACKNOWLEDGEMENT

I verify that I have received a copy of the job description and I understand the requirements of this position.

Employee Signature

Date

Employee Name – Please Print